

# Guang-Qin Li

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

3,309  
citations

279798

23  
h-index

289244

40  
g-index

41  
all docs

41  
docs citations

41  
times ranked

4104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Missing-linker metal-organic frameworks for oxygen evolution reaction. <i>Nature Communications</i> , 2019, 10, 5048.	12.8	422
2	Hydrogen storage in Pd nanocrystals covered with a metal-organic framework. <i>Nature Materials</i> , 2014, 13, 802-806.	27.5	412
3	Modulating electronic structure of metal-organic frameworks by introducing atomically dispersed Ru for efficient hydrogen evolution. <i>Nature Communications</i> , 2021, 12, 1369.	12.8	360
4	Interfacial Electronic Structure Modulation of NiTe Nanoarrays with NiS Nanodots Facilitates Electrocatalytic Oxygen Evolution. <i>Advanced Materials</i> , 2019, 31, e1900430.	21.0	298
5	Modulating Electronic Structure of Metal-Organic Framework for Efficient Electrocatalytic Oxygen Evolution. <i>Advanced Energy Materials</i> , 2018, 8, 1801564.	19.5	240
6	Bimetallic Zeolitic Imidazolate Framework Derived Carbon Nanotubes Embedded with Co Nanoparticles for Efficient Bifunctional Oxygen Electrocatalyst. <i>Advanced Energy Materials</i> , 2018, 8, 1702048.	19.5	200
7	One-Step Construction of Hydrophobic MOFs@COFs Core-Shell Composites for Heterogeneous Selective Catalysis. <i>Advanced Science</i> , 2019, 6, 1802365.	11.2	134
8	Shape-Dependent Hydrogen-Storage Properties in Pd Nanocrystals: Which Does Hydrogen Prefer, Octahedron (111) or Cube (100)? <i>Journal of the American Chemical Society</i> , 2014, 136, 10222-10225.	13.7	104
9	Tailoring the Electronic Structure of an Atomically Dispersed Zinc Electrocatalyst: Coordination Environment Regulation for High Selectivity Oxygen Reduction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	104
10	Design and Enantioresolution of Homochiral Fe(II)-Pd(II) Coordination Cages from Stereolabile Metalloligands: Stereochemical Stability and Enantioselective Separation. <i>Journal of the American Chemical Society</i> , 2018, 140, 18183-18191.	13.7	102
11	MOF-derived Mn doped porous CoP nanosheets as efficient and stable bifunctional electrocatalysts for water splitting. <i>Dalton Transactions</i> , 2018, 47, 14679-14685.	3.3	98
12	Constructing 2D MOFs from 2D LDHs: a highly efficient and durable electrocatalyst for water oxidation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 190-195.	10.3	93
13	Two-dimensional metal-organic framework nanosheets for highly efficient electrocatalytic biomass 5-(hydroxymethyl)furfural (HMF) valorization. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20386-20392.	10.3	88
14	Hierarchical Nanorods of MoS <sub>2</sub> /MoP Heterojunction for Efficient Electrocatalytic Hydrogen Evolution Reaction. <i>Small</i> , 2020, 16, e2002482.	10.0	85
15	Recent advances in the electrocatalytic synthesis of 2,5-furandicarboxylic acid from 5-(hydroxymethyl)furfural. <i>Journal of Materials Chemistry A</i> , 2021, 9, 20164-20183.	10.3	62
16	A 2D NiFe Bimetallic Metal-Organic Frameworks for Efficient Oxygen Evolution Electrocatalysis. <i>Energy and Environmental Materials</i> , 2019, 2, 18-21.	12.8	56
17	Trimetallic MOF-74 Films Grown on Ni Foam as Bifunctional Electrocatalysts for Overall Water Splitting. <i>ChemSusChem</i> , 2020, 13, 5647-5653.	6.8	56
18	Hierarchical nanotubes constructed from CoSe <sub>2</sub> nanorods with an oxygen-rich surface for an efficient oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15073-15078.	10.3	47

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19	Interfacial Charge Transfer in a Hierarchical Ni <sub>2</sub> P/FeOOH Heterojunction Facilitates Electrocatalytic Oxygen Evolution. ACS Applied Materials & Interfaces, 2021, 13, 2765-2771.	8.0	40
20	The Vital Balance of Graphitization and Defect Engineering for Efficient Bifunctional Oxygen Electrocatalyst Based on N-doping Carbon/CNT Frameworks. ChemCatChem, 2019, 11, 861-867.	3.7	34
21	An ordered bcc CuPd nanoalloy synthesised via the thermal decomposition of Pd nanoparticles covered with a metal-organic framework under hydrogen gas. Chemical Communications, 2014, 50, 13750-13753.	4.1	28
22	Electronic origin of hydrogen storage in MOF-covered palladium nanocubes investigated by synchrotron X-rays. Communications Chemistry, 2018, 1, .	4.5	24
23	Hierarchically Porous Single Nanocrystals of Bimetallic Metal-Organic Framework for Nanoreactors with Enhanced Conversion. Chemistry of Materials, 2018, 30, 6458-6468.	6.7	24
24	Chemoselective hydrogenation of $\alpha,\beta$ -unsaturated aldehydes over Rh nanoclusters confined in a metal-organic framework. Journal of Materials Chemistry A, 2020, 8, 11442-11447.	10.3	24
25	Recent Progress of Metal Organic Frameworks-Based Electrocatalysts for Hydrogen Evolution, Oxygen Evolution, and Oxygen Reduction Reaction. Energy and Environmental Materials, 2022, 5, 1084-1102.	12.8	24
26	Constructing nickel sulfide heterojunctions by W-doping-induced structural transition for enhanced oxygen evolution. Journal of Materials Chemistry A, 2022, 10, 3341-3345.	10.3	24
27	Stepwise engineering of pore environments and enhancement of CO <sub>2</sub> /R22 adsorption capacity through dynamic spacer installation and functionality modification. Chemical Communications, 2017, 53, 11403-11406.	4.1	22
28	Ir nanoclusters confined within hollow MIL-101(Fe) for selective hydrogenation of $\alpha,\beta$ -unsaturated aldehyde. Chinese Chemical Letters, 2022, 33, 374-377.	9.0	19
29	Amino-Induced 2D Cu-Based Metal-Organic Framework as an Efficient Heterogeneous Catalyst for Aerobic Oxidation of Olefins. Chemistry - A European Journal, 2020, 26, 4333-4340.	3.3	18
30	Single-atomic Fe anchored on hierarchically porous carbon frame for efficient oxygen reduction performance. Chinese Chemical Letters, 2022, 33, 1070-1073.	9.0	17
31	Zirconium-based metal-organic framework gels for selective luminescence sensing. RSC Advances, 2020, 10, 44912-44919.	3.6	15
32	Tailoring the Electronic Structure of an Atomically Dispersed Zinc Electrocatalyst: Coordination Environment Regulation for High Selectivity Oxygen Reduction. Angewandte Chemie, 2022, 134, .	2.0	9
33	Multiscale structural regulation of metal-organic framework nanofilm arrays for efficient oxygen evolution reaction. Chemical Communications, 2022, 58, 6966-6969.	4.1	7
34	Accelerating charge transfer at an ultrafine NiFe-LDHs/CB interface during the electrocatalyst activation process for water oxidation. Dalton Transactions, 2020, 49, 7436-7443.	3.3	6
35	Nickel metal-organic frameworks for visible-light CO <sub>2</sub> reduction under mild reaction conditions. Dalton Transactions, 2022, 51, 7950-7956.	3.3	4
36	Bulky Thiolate-Protected Silver Nanocluster Ag <sub>213</sub> (Adm-S) <sub>44</sub> Cl <sub>33</sub> with Excellent Electrocatalytic Performance toward Oxygen Reduction. CCS Chemistry, 2023, 5, 1154-1162.	7.8	4

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37	Docking rings in a solid: reversible assembling of pseudorotaxanes inside a zirconium metal-organic framework. <i>Chemical Science</i> , 2022, 13, 6291-6296.	7.4	2
38	First In Situ NMR Observation of Hydrogen Adsorbed inside [Cu <sub>3</sub> (btc) <sub>2</sub> ] at Ambient Temperature and Pressure. <i>Chemistry Letters</i> , 2014, 43, 1363-1364.	1.3	1
39	Modulating electronic structure of Rh via spontaneous oxidation facilitates oxygen evolution. <i>Chem Catalysis</i> , 2021, 1, 972-974.	6.1	1
40	Defect-engineered room-temperature ferromagnetism in quasi-two-dimensional nitrided CoTa <sub>2</sub> O <sub>6</sub> . <i>Physical Review B</i> , 2021, 104, .	3.2	0